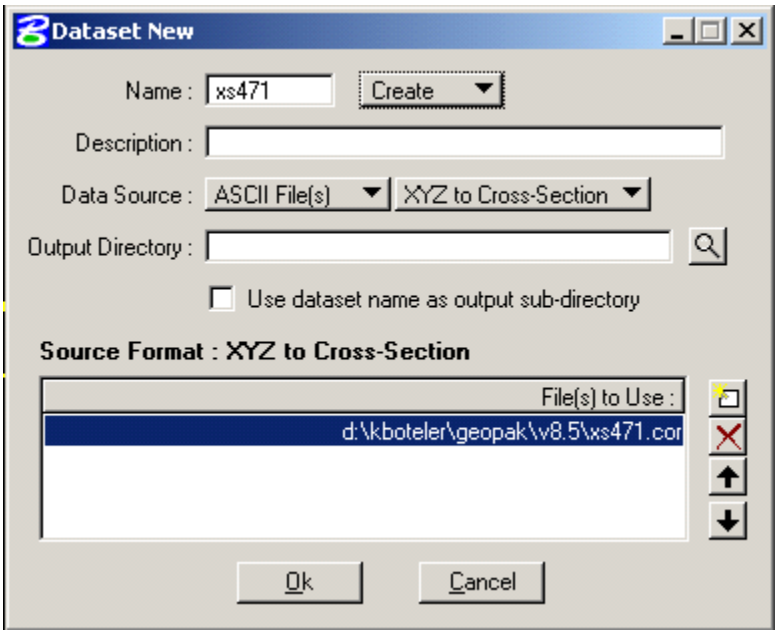
Creating Existing X-SECTIONS (1-1-2012)

Steps are described below for creating existing x-sections from:
I) ASCII XYZ or SOE
II) DTM

I) X-SECTION FROM XYZ or SOE (Coordinates on same coordinate system as Chain)

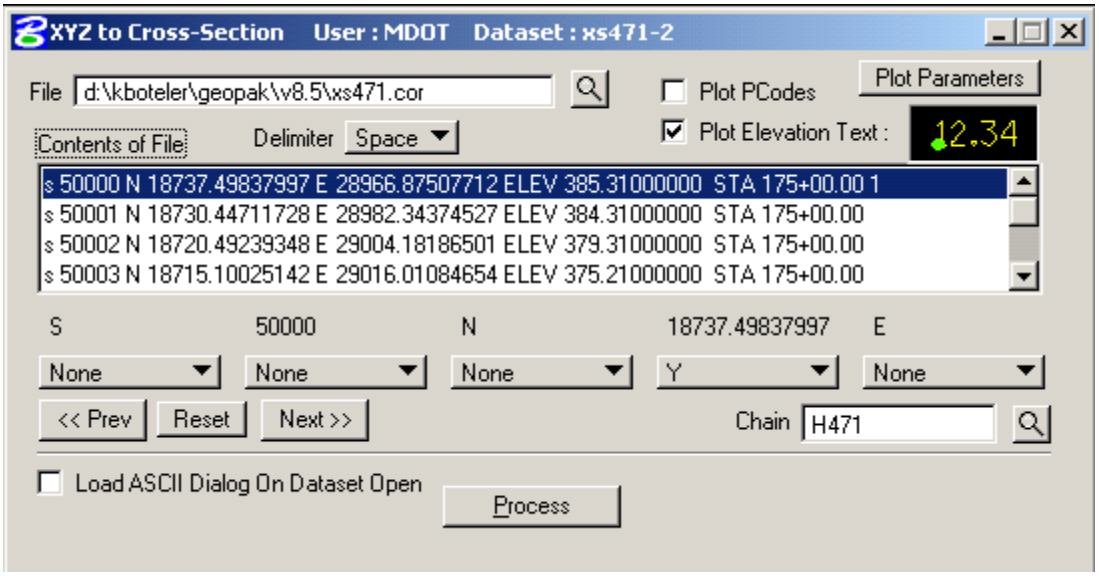
1. In Survey, Tag Project Open and open your project. (Project New if you do not have project.)

2. Tag Dataset New & choose "ASCII FILES" for the Data Source and then choose "XYZ to Cross-Section" or "SOE to Cross-Section" and choose the ASCII file to process.



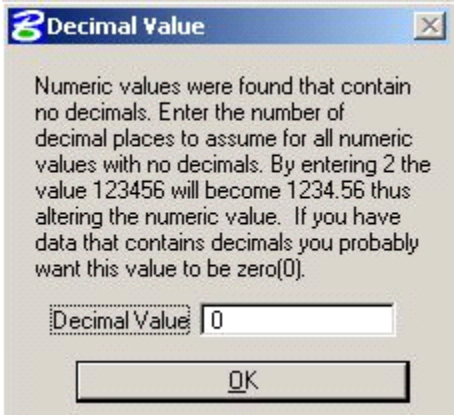
Tag OK.
NOTE: The steps are basically the same if you are processing SOE except you will assign Station, Offest, Elevation, & Region for this step.

3. Fill out the next dialog as shown below. (XS Element Symbology" to: LV=XS_X_GROUND, CO,WT,LC = bylevel)



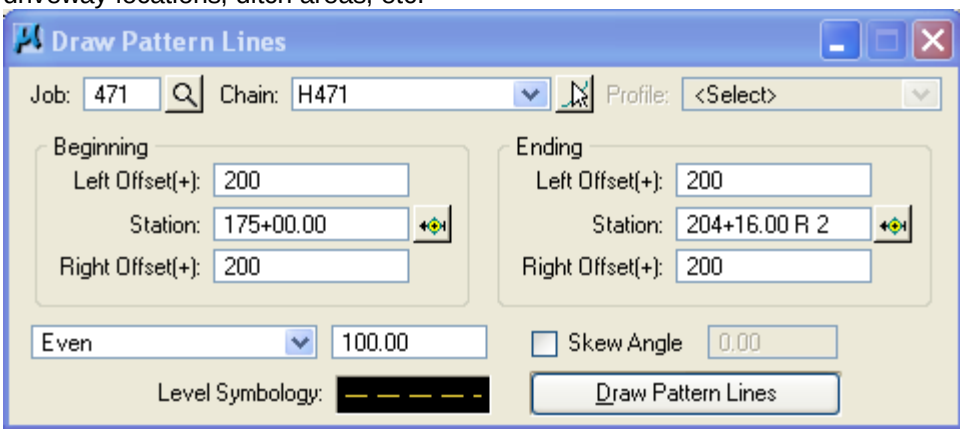
Tag Process.

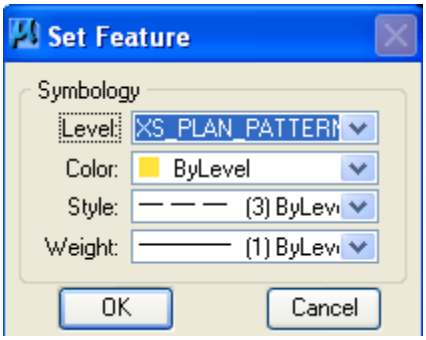
4. If prompted by the dialog below, make sure to enter 0 for the Decimal Value.



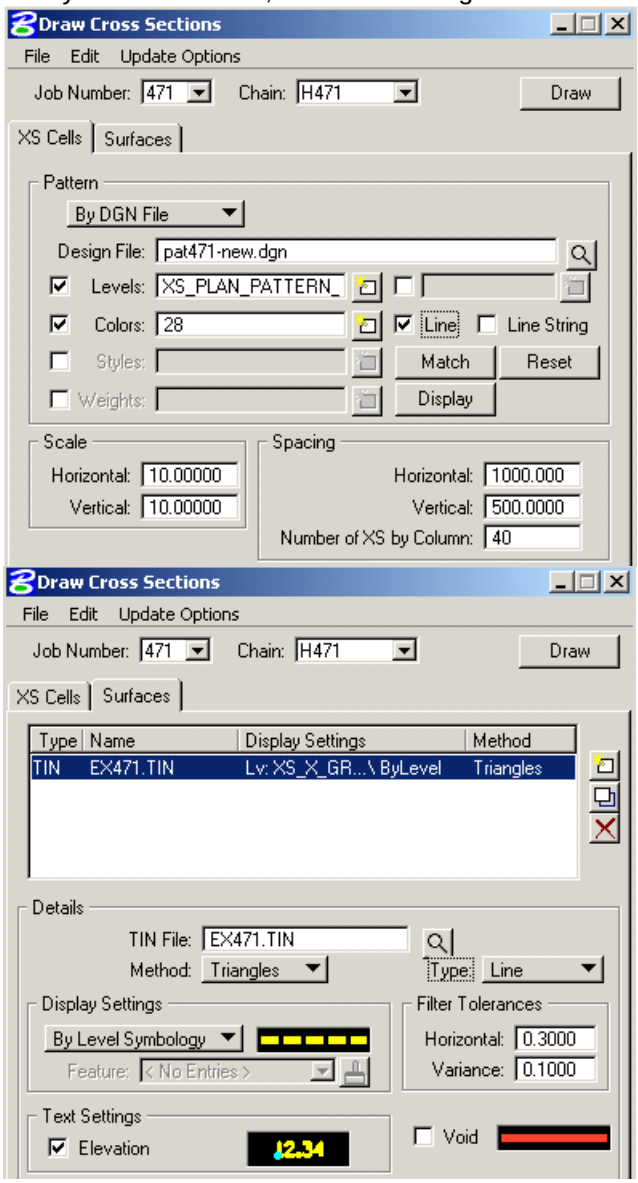
II) X-SECTION FROM DTM (TIN)

1. Create a Pattern DGN file and draw patterns at even 50-100' station and at critical stations such as driveway locations, ditch areas, etc.





2. In your XS DGN file, fill out the dialogs as shown below and tag DRAW:



TANSFER ASCII XYZ to SOE (XYZ Coordinates on different coordinate system as Chain)

This converts the XYZ to SOE which you can then process with X-SECTION from XYZ or SOE instructions above.